

**SYSTEM AND METHOD FOR EVALUATING ACCURACY OF AN AUTOMATIC
LOCATION IDENTIFICATION SYSTEM****ABSTRACT OF THE DISCLOSURE**

A method (38) and system (56) evaluate the accuracy of an Automatic Location Identification (ALI) system (36) deployed within an environment (20) and configured to location a wireless communication device (24) originating an emergency call (22) through a wireless communication network (26). The method (38) includes a subprocesses that identify a validation region (144) in which a service area (106) of a public service answering point (PSAP) (32) and an RF coverage area (129) overlap, classify sub-regions within the validation region (144) according to a predetermined set of test scenarios (148) representing unique calling environments, and select test points (200) within the validation region (144) from which test calls, that simulate emergency calls, will be performed. The method (38) further includes an empirical test call execution subprocess (50) for performing test calls within the validation region (144) and a predictive test call execution subprocess (52) for simulating test calls within a simulated environment (260).